

METHOD FOR BACKWASHING HOLLOW YARN FILTER

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Appendix

Classification

Classification:

- International: G21F9/06; B01D63/02; G21F9/08

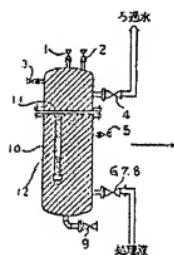
- European:

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Abstract of JP62163708

PURPOSE: To prolong the life of a hollow yam membrane by incorporating a scrubbing stage in succession to backwashing by compressed air, and effectively removing the suspended matter deposited on the hollow yam membrane which is difficult to release. **CONDITION:** When the hollow yam membrane filter for filtering radio-active wastes I^3 , or condensate is backwashed, a dome drain valve 3 and a compressed air valve 2 are opened to discharge the I^3 in the dome. Then only the valve 3 is closed, a backwashing discharge valve 9 is opened, and the I^3 is discharged at a stretch to the height of a tube plate 11. The valve 9 is then closed, water is supplied and filtered to a height under the tube plate by opening the valve 3, a tube plate vent valve 5, and a water inlet valve 7, the valve 5 is closed to fill the water to a dome drain port, the valves 3 and 7 are closed and air scrubbing valve 8 and the valves 5 and 2 are opened to carry out air scrubbing, the valve 2 is closed and air scrubbing is continued. The valve 5 is closed and the valve 9 is opened to discharge the I^3 containing suspended matter, and the valve 8 is closed and the valve 3 is opened to resume the filtration.



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